

AN INTEGRATED SIM HOLDER WITH BACKCASE AND ROTATING DOOR

ABSTRACT OF THE DISCLOSURE

5 An apparatus for holding a SIM (subscriber identification module) card for
an electronic device. The electronic device is implemented using integrated
circuits on a PCB (printed circuit board) contained within a device housing. A SIM
connector is mounted on the PCB and is configured to electrically connect a SIM
card to the PCB when the SIM card is engaged with the SIM connector. The SIM
card is releasably held in position by a SIM card door. The SIM card door is
10 configured to move the SIM card into engagement with the SIM connector when in
a closed position. The SIM card door can be configured to slidably accept the SIM
card into a properly aligned position when the SIM card door is in the open
position. The SIM card door is releasably engageable with the housing and is
rotatably attached to the housing such that the SIM card door swings into the
15 closed position from the open position. Holding the SIM card with the SIM card
door provides for a smaller SIM connector and thus a minimum amount of PCB
area for mounting the SIM connector.